| Index of Claims                          |                   |  |                 |                 |              |                |        |                  |              | Application No. |             |             |           |                 |            |                 |              |                | Applicant(s)    |           |                 |             |    |  |  |
|--|-------------------|--|-----------------|-----------------|--------------|----------------|--------|------------------|--------------|-----------------|-------------|-------------|-----------|-----------------|------------|-----------------|--------------|----------------|-----------------|-----------|-----------------|-------------|----|--|--|
| index of Claims<br>Imminimminimm minimum |                   |  |                 |                 |              |                |        |                  | 09/313,058   |                 |             |             |           |                 |            |                 |              | AYLWARD ET AL. |                 |           |                 |             |    |  |  |
|  |                   |  |                 |                 |              |                |        | Examiner         |              |                 |             |             |           |                 |            |                 | Art Unit     |                |                 |           |                 |             |    |  |  |
|  |                   |  |                 |                 |              |                |        |                  |              | Xu Mei          |             |             |           |                 |            |                 |              | 2644           |                 |           |                 |             |    |  |  |
|  | <del></del> -     |  |                 |                 |              |                |        |                  |              |                 |             |             |           |                 |            |                 |              |                |                 |           |                 |             |    |  |  |
|  |                   |  |                 |                 | (Throu       | (Through numer |        |                  |              |                 | N           | Non-Elected |           |                 |            |                 | Appeal       |                |                 |           |                 |             |    |  |  |
| · V Rejucted                             |                   |  |                 | $\vdash$        | Cancelled    |                |        |                  | $\dashv$     | N NON-Elec      |             |             |           |                 |            | A Appear        |              |                |                 |           | $\dashv$        |             |    |  |  |
| = Allowed                                |                   |  | ÷               | Restricted      |              |                |        | I Interfer       |              |                 |             | erer        | ice       |                 | 0          | Objected        |              |                |                 |           |                 |             |    |  |  |
|  | [                 |  |                 |                 |              |                |        | Date             |              |                 |             |             |           | Claim           |            |                 |              |                |                 |           |                 | ·           |    |  |  |
|  | Claim Date        |  |                 |                 |              | Claim          |        | П                | Da           | te              |             |             | 1         |                 |            | $\vdash$        | Date         |                |                 |           | Т               | T           |    |  |  |
|  | Final<br>Original | 10 m   |                 |                 | Final        | Original       |        |                  |              |                 |             |             |           | Final           | Original   |                 |              |                |                 |           |                 |             |    |  |  |
|  | 10                | *****  | +               | +               | -            | 51             | 1      | ╁                | $\pm$        | $\pm$           | ╁           | $\pm$       | 1         |                 | 101        | H               | 士            |                |                 | $\exists$ | 士               | 出           |    |  |  |
|  | 2 2               | 144  |                 | H               |              | 52<br>53       |        | П                |              |                 |             | 1100        |           |                 | 102<br>103 | H               | Ŧ            | ╀              | -               | $\dashv$  | $\bot$          | $\boxminus$ |    |  |  |
|  | 4 4               |  | $\perp$         |                 |              | 54             |        |                  | $\pm$        |                 | $\Box$      | 士           |           |                 | 104        | Ħ               | $\pm$        | ightharpoons   |                 |           | $\pm$           | Ħ           |    |  |  |
|  | <u>5</u> 5        |  | -               | $\vdash \vdash$ |              | 55<br>56       | -      | $+ \overline{+}$ | +            | +               | $\prod$     | +           | +         | $\vdash \vdash$ | 105<br>106 | Н               | +            | $\vdash$       | $\vdash \vdash$ | $\dashv$  | +               | H           |    |  |  |
|  | 7 7               |  | $\bot$          |                 |              | 57             | 士      | 井                | $\downarrow$ | 丰               | Ħ           | 士           |           |                 | 107        | 口               | #            | 1              | 口               | コ         | 丰               | $\Box$      |    |  |  |
|  | 9 8               | <del>                                     </del> | +               |                 | ┨┝           | 58<br>59       | +-     | ╁┼               | +            | +               | ┼┤          | +           | 1         | $\vdash$        | 108<br>109 | $\vdash \vdash$ | +            | +-             | $\vdash$        | $\dashv$  | +               | +           |    |  |  |
|  | 10 (10)           |  | 丰               | 口               | 1 🗀          | 60             | #      | $\Box$           | $\downarrow$ | 1               | $\Box$      | #           | 7         | $\square$       | 110        | П               | 1            | Ϊ-             |                 | 二         | #               | $\Box$      |    |  |  |
| į  | 11 11             | <del>                                     </del> | +               |                 | 1            | 61<br>62       | +      | ++               | ╁            | +               | ╁┤          | +           | $\exists$ | $\vdash$        | 111<br>112 |                 | +            | $\perp$        | $\vdash$        | _         | $\pm$           | $\pm$       |    |  |  |
|  | 13 13             |  | #               |                 | 1 🗀          | 63             | $\bot$ | $\Box$           | 7            | 1               | $\square$   | 丰           | 7         |                 | 113<br>114 | П               | 1            | F              | П               | _         | 1               | $\Box$      |    |  |  |
|  | 14 14             |  | $\perp$         |                 |              | 64<br>65       | 士      | ╁                | 士            | $\pm$           |             | 士           | 1         |                 | 115        |                 | $\pm$        | $\perp$        |                 |           | $\pm$           | $\pm$       |    |  |  |
|  | 16   16           |  | 7               |                 | ] [          | 66<br>67       | $\mp$  | П                | T            | Ŧ               | П           | $\top$      | 7         |                 | 116<br>117 | П               | Ŧ            | F              |                 | $\dashv$  | $\bot$          | $\Box$      |    |  |  |
|  | 7 17              |  | $\pm$           |                 |              | 68             | 1      | $\coprod$        | 1            | $\pm$           | $\Box$      | $\pm$       | _         |                 | 118        |                 | 士            | t              |                 |           | $\pm$           | Ė           |    |  |  |
|  | 1,4   19          |  | Ŧ               |                 |              | 69<br>70       | T      | П                | 7            | F               | П           | 4           | 7         |                 | 119<br>120 | П               | Ŧ            | $\vdash$       | П               | $\dashv$  | $\perp$         | F           |    |  |  |
| ,  | 24 1821           |  | 士               |                 |              | 71             | $\pm$  |                  | 士            | $\pm$           |             | $\pm$       | 1         |                 | 121        | 廿               | $\pm$        | 士              | $\Box$          |           | $\perp$         | $\pm$       |    |  |  |
| . 😅                                      | 22 23             |  | -               |                 | ] [          | 72<br>73       |        | П                | Ŧ            | Ŧ               | П           | 1           | 7         |                 | 122<br>123 | П               | 7            | T              | $\square$       |           | $\perp$         | F           |    |  |  |
|  | 24                | <u> </u>   |                 |                 | ╛╘           | 74             | 士      | $\pm \dagger$    | $\pm$        | $\pm$           | $\parallel$ | $\pm$       | _         |                 | 124        | ┟┤              | $\pm$        | 士              | H               |           |                 | $\pm$       |    |  |  |
|  | 25<br>26          |  |                 |                 | <b>1</b> ⊏   | 75<br>76       | Ŧ      | $\Box$           | 4            | Ŧ               | П           | 7           | 7         |                 | 125<br>126 | П               | 7            | F              | П               | $\Box$    | $\Box$          | Ţ           |    |  |  |
|  | 27                |  | +               | -               | <u> </u>     | 77             | +      | ╁╂               | +            | +               | H           | $\dashv$    | $\dashv$  |                 | 127        | ╁               | +            | +              | H               | $\dashv$  | +               | +           |    |  |  |
|  | 28                |  |                 | H               |              | 78             | Ŧ      | $\Box$           | 4            | Ţ               | $\Box$      | 4           | 7         |                 | 128        |                 | 1            | I              |                 |           |                 | 1           |    |  |  |
|  | 29<br>30          | <u>+++</u> +                                     | +               | 一               | 1            | 79<br>80       | $\pm$  | $\pm \dagger$    | +            | +               | $\forall$   | _+          | -         | <u></u>         | 129<br>130 | ╁┪              | +            | +              | $\vdash$        | Н         | $\vdash$        | +           |    |  |  |
|  | 31                |  | 7               |                 | ] [          | 81             | 7      | $\Box$           | 7            | 1               | $\Box$      | $\dashv$    |           |                 | 131        | $\square$       | 1            | Į.             |                 |           | $\Box$          | 1           |    |  |  |
|  | 32                | ++++   | $\vdash\vdash$  | ++              | ┧┝╌          | 82             | +      | ++               | +            | 十               | +           | $\dashv$    | $\dashv$  | -               | 132<br>133 | ╁               | +            | ╁              | $\vdash$        | Н         | $\vdash \vdash$ | ╁           |    |  |  |
|  | 34                |  |                 |                 | 1 🗀          | 84             | $\top$ | $\Box$           | $\exists$    | 1               | $\Box$      | $\Box$      | $\exists$ |                 | 134        |                 | $\downarrow$ | #              |                 |           | $\Box$          |             |    |  |  |
|  | 35<br>36          | +++-   | -               | +               | ┥╟┈          | 85<br>86       | +      | ╁┼               | +            | +               | +-          | +           | 4         | -               | 135<br>136 | ╁╾╂             | +            | +              | -               | $\vdash$  |                 | +           |    |  |  |
|  | _37               |  |                 |                 |              | 87             | 士      | 廿                | $\exists$    | 土               | 士           |             | 1         |                 | 137        | П               | 1            | 土              |                 |           |                 |             |    |  |  |
|  | 38                | + + + + -  | $oxed{\Box}$    |                 | ┥┝           | 88<br>89       | $\bot$ | +1               | 4            |                 | +           | $\dashv$    | 4         |                 | 138<br>139 |                 | $\bot$       | $\bot$         | 1               |           | H               | F           |    |  |  |
|  | 40                |  | oxdot           |                 |              | 90             | $\pm$  | $\perp$          | +            | $\pm$           |             | $\exists$   | $\exists$ |                 | 140        |                 | $\pm$        | +              | t               |           | 十               | $\pm$       | 1  |  |  |
|  | 41                |  |                 |                 |              | 91             | $\bot$ | $\Box$           | $\Box$       | 1               |             | П           | ┨.        |                 | 141        |                 | 1            | Į.             | F               |           | $\Box$          | 1           |    |  |  |
|  | 42                | <del>- -  -</del>                                | +               | +               | ┨┝╌          | 92<br>93       | -+-    | +                | +            | +               | +           | Н           | $\dashv$  | -               | 142        |                 | +            | +              | ╁               | ├         | ╁┼              | +           | {  |  |  |
|  | 44                |  |                 |                 |              | 94             | 丰      | 口                | _            | 1               | 丰           | $\Box$      | ゴ         |                 | 144        |                 | 丰            | #              | 二               |           | 口               | #           | 1  |  |  |
|  | 45                | ╁╂┼┼   | ┝┾╴             | ┿               | $\downarrow$ | 95<br>96       | +      | ╂╃               | +            | +               | +-          | $\vdash$    | $\dashv$  | -               | 145<br>146 |                 | +            | +              | ╁               | -         | ╀               | +-          | {  |  |  |
|  | 47                |  | 二               |                 |              | 97             | 土      | $\perp$          | コ            | 丰               | 1           |             | ⇉         |                 | 147        |                 | 士            | 士              |                 |           | 廿               | 土           |    |  |  |
|  | 48                | <del>- - - -</del>                               | $\vdash \vdash$ | ++              | ┨ ┣━         | 98<br>99       | -      | ╁┪               | +            | +               | +           | H           | 4         | -               | 148<br>149 |                 |              | Ţ              | $\perp$         | F         | H               | +           | ļ  |  |  |
|  | 1 3               | <del></del>                                      | <del>   -</del> | ╅╼╆╍            | ┨┝──         | 1 33           | -      | ╅                | -            | +               | +           | ┝╼┼         | $\dashv$  | <b></b>         | 149        | 4               | -+-          | +-             | +               | ├         | ╌┼              | +           | Į. |  |  |